

Figure 1 (page 1 of 3)

ATGATGTGCTTAAAGATCCTAAGAATAAGCCTGGCGATTTTGGCTGGGTGGGCACTCTGT	60
M M C L K I L R I S L A I L A G W A L C	(20)
TCTGCCAACTCTGAGCTGGGCTGGACACGCAAGAAATCCTTGGTTGAGAGGGAACACCTG	120
S A N S E L G W T R K K S L V E R E H L	(40)
AATCAGGTGCTGTTGGAAGGAGAACGTTGTTGGCTGGGGGCCAAGGTTTCAAGACCCAGA	180
N Q V L L E G E R C W L G A K V R R P R	(60)
GCTTCTCCACAGCATCACCTCTTTGGAGTCTACCCCAGCAGGGCTGGGAACCTAAGG	240
A S P Q H H L F G V Y P S R A G N Y L R	(80)
CCCTACCCCGTGGGGGAGCAAGAAATCCATCATACAGGACGACGCAAAACCAGACACTGAA	300
P Y P V G E Q E I H H T G R S K P D T E	(100)
GGAAATGCTGTGAGCCTTGTTCCTCCAGACCTGACTGAAAATCCAGCAGGACTGAGGGGT	360
G N A V S L V P P D L T E N P A G L R G	(120)
GCAGTTGAAGAGCCGGCTGCCCCATGGGTAGGGGATAGTCCTATTGGGCAATCTGAGCTG	420
A V E E P A A P W V G D S P I G Q S E L	(140)
CTGGGAGATGATGACGCTTATCTCGGCAATCAAAGATCCAAGGAGTCTCTAGGTGAGGCC	480
L G D D D A Y L G N Q R S K E S L G E A	(160)
GGGATTGAGAAAGGCTCAGCCATGGCTGCCACTACTACCACCGCCATTTTCACAACCCTG	540
G I Q K G S A M A A T T T T A I F T T L	(180)
AACGAACCCAAACCAGAGACCCAAAGGAGGGGCTGGGCCAAGTCCAGGCAGCGTCGCCAA	600
N E P K P E T Q R R G W A K S R Q R R Q	(200)
GTGTGGAAGAGGCGGGCGGAAGATGGGCAGGGAGACTCCGGTATCTCTTCACATTTCCAA	660
V W K R R A E D G Q G D S G I S S H F Q	(220)
CCTTGGCCCAAGCATTCCCTTAAACACAGGGTCAAAAAGAGTCCACCGGAGGAAAGCAAC	720
P W P K H S L K H R V K K S P P E E S N	(240)
CAAAATGGTGGAGAGGGCTCCTACCGAGAAGCAGAGACCTTTAACTCCCAAGTAGGACTG	780
Q N G G E G S Y R E A E T F N S Q V G L	(260)
CCCATCTTATACTTCTCTGGGAGGCGGGAGCGGCTGCTGCTGCGTCCAGAAGTGCTGGCT	840
P I L Y F S G R R E R L L L R P E V L A	(280)
GAGATTCCCCGGGAGGCGTTTACAGTGGAAGCCTGGGTTAAACCGGAGGGAGGACAGAAC	900
E I P R E A F T V E A W V K P E G G Q N	(300)
AACCCAGCCATCATCGCAGGTGTGTTTGATAACTGCTCCCACACTGTCAGTGACAAAGGC	960
N P A I I A G V F D N C S H T V S D K G	(320)
TGGGCCCTGGGGATCCGCTCAGGGAAGGACAAGGAAAGCGGGATGCTCGCTTCTTCTTC	1020
W A L G I R S G K D K G K R D A R F F F	(340)
TCCCTCTGCACCGACCGCGTGAAGAAAGCCACCATCTTGATTAGCCACAGTCGCTACCAA	1080
S L C T D R V K K A T I L I S H S R Y Q	(360)
CCAGGCACATGGACCCATGTGGCAGCCACTTACGATGGACGGCACATGGCCCTGTATGTG	1140
P G T W T H V A A T Y D G R H M A L Y V	(380)
GATGGCACTCAGGTGGCTAGCAGTCTAGACCAGTCTGGTCCCCTGAACAGCCCCCTTCATG	1200
D G T Q V A S S L D Q S G P L N S P F M	(400)
GCATCTTGCCGCTCTTTGCTCCTGGGGGGAGACAGCTCTGAGGATGGGCACTATTTCCGT	1260
A S C R S L L L G G D S S E D G H Y F R	(420)
GGACACCTGGGCACACTGGTTTTCTGGTGCACCGCCCTGCCACAAAGCCATTTTCAGCAC	1320
G H L G T L V F W S T A L P Q S H F Q H	(440)
AGTTCTCAGCATTCAAGTGGGAGGAGGAAGCGACTGACTTGGTCTGACAGCGAGCTTT	1380
S S Q H S S G E E E A T D L V L T A S F	(460)
GAGCCTGTGAACACAGAGTGGGTTCCCTTTAGAGATGAGAAGTACCCACGACTTGAGGTT	1440
E P V N T T E W V P F R D E K Y P R L E V	(480)
CTCCAGGGCTTTGAGCCAGAGCCTGAGATTCTGTCGCTTTGCAGCCCCCACTCTGTGGG	1500
L Q G F E P E P E I L S P L Q P P L C G	(500)
CAAACAGTCTGTGACAATGTGGAATTGATCTCCAGTACAATGGATACTGGCCCCCTTCGG	1560
Q T V C D N V E L I S Q Y N G Y W P L R	(520)
GGAGAGAAGGTGATACGCTACCAGGTGGTGAACATCTGTGATGATGAGGGCCTAAACCCC	1620
G E K V I R Y Q V V N I C D D E G L N P	(540)
ATTGTGAGTGAGGAGCAGATTTCGTCTGCAGCACGAGGCACTGAATGAGGCCTTCAGCCGC	1680
I V S E E Q I R L Q H E A L N E A F S R	(560)
TACAACATCAGCTGGCAGCTGAGCGTCCACCAGGTCCACAATTCCACCCTGCGACACCGG	1740
Y N I S W Q L S V H Q V H N S T L R H R	(580)
GTTGTGCTTGTGAACTGTGAGCCCAGCAAGATTGGCAATGACCATTGTGACCCCGAGTGT	1800
V V L V N C E P S K I G N D H C D P E C	(600)

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GAGCACCCTACAGGCTATGATGGGGGTGACTGCCGCTGCAGGGCCGCTGCTACTCC	1860
E H P L T G Y D G G D C R L Q G R C Y S	(620)
TGGAACCGCAGGGATGGGCTCTGTACGTGGAGTGTAAACATGCTGAACGACTTTGAC	1920
W N R R D G L C H V E C N N M L N D F D	(640)
GACGGAGACTGCTGCGACCCCCAGGTGGCTGATGTGCGCAAGACCTGCTTTGACCCTGAC	1980
D G D C C D P Q V A D V R K T C F D P D	(660)
TCACCCAAGAGGGCATACTGAGTGTGAAGGAGCTGAAGGAGGCCCTGCAGCTGAACAGT	2040
S P K R A Y M S V K E L K E A L Q L N S	(680)
ACTCACTTCCTCAACATCTACTTTGCCAGCTCAGTGGCGGAAGACCTTGACGGTCTGCC	2100
T H F L N I Y F A S S V R E D L A G A A	(700)
ACCTGGCCTTGGGACAAGGACGCTGTCACTCACCTGGGTGGCATTGTCTCAGCCCAGCA	2160
T W P W D K D A V T H L G G I V L S P A	(720)
TATTATGGGATGCCTGGCCACACCGACACCATGATCCATGAAGTGGGACATGTTCTGGGA	2220
Y Y G M P G H T D T M I H E V G H V L G	(740)
CTCTACCATGTCTTTAAAGGAGTCAGTGAAAGAGAATCCTGCAATGACCCCTGCAAGGAG	2280
L Y H V F K G V S E R E S C N D P C K E	(760)
ACAGTGCCATCCATGGAAACGGGAGACCTCTGTGCCGACACCGCCCCACTCCCAAGAGT	2340
T V P S M E T G D L C A D T A P T P K S	(780)
GAGCTGTGCCGGAACAGAGCCCACTAGTGACACCTGTGGCTTCACTCGCTTCCCAGGG	2400
E L C R E P E P T S D T C G F T R F P G	(800)
GCTCCGTTACCAACTACATGAGCTACACGGATGATAACTGCACTGACAACTTCACTCCT	2460
A P F T N Y M S Y T D D N C T D N F T P	(820)
AACCAAGTGGCCCGAATGCATTGCTATTTGGACCTAGTCTATCAGCAGTGGACTGAAAGC	2520
N Q V A R M H C Y L D L V Y Q Q W T E S	(840)
AGAAAGCCACCCCATCCCATTCACCTATGGTCATCGGACAGACCAACAAGTCCCTC	2580
R K P T P I P I P P M V I G Q T N K S L	(860)
ACTATCCACTGGCTGCCTCCTATTAGTGGAGTTGTATATGACAGGGCCTCAGGCAGCTTG	2640
T I H W L P P I S G V V Y D R A S G S L	(880)
TGTGGCGCTTGCACTGAAGATGGGACCTTTCGTGAGTATGTGCACACAGCTTCTCCCGG	2700
C G A C T E D G T F R Q Y V H T A S S R	(900)
CGGGTGTGTGACTCCTCAGGTTATTGGACCCCAGAGGAGGCTGTGGGGCCTCCTGATGTG	2760
R V C D S S G Y W T P E E A V G P P D V	(920)
GATCAGCCCTGCGAGCCAAGCTTACAGGCCTGGAGCCCTGAGGTCCACCTGTACCACATG	2820
D Q P C E P S L Q A W S P E V H L Y H M	(940)
AACATGACGGTCCCCTGCCCCACAGAAGGCTGTAGCTTGGAGCTGCTCTTCCAACACCCG	2880
N M T V P C P T E G C S L E L L F Q H P	(960)
GTCCAAGCCGACACCCCTCACCTGTGGGTCACTTCCTTCTTCATGGAGTCCTCGCAGGTC	2940
V Q A D T L T L W V T S F F M E S S Q V	(980)
CTCTTTGACACAGAGATCTTGCTGGAAAAAAGGAGTCACTGCACCTGGGCCCCCTTAGAC	3000
L F D T E I L L E N K E S V H L G P L D	(1000)
ACTTTCTGTGACATCCCACTCACCATCAAAGTGCACGTGGATGGGAAGGTGTGCGGGGTG	3060
T F C D I P L T I K L H V D G K V S G V	(1020)
AAAGTCTACACCTTTGATGAGAGGATAGAGATTGATGCAGCACTCCTGACTTCTCAGCCC	3120
K V Y T F D E R I E I D A A L L T S Q P	(1040)
CACAGTCCCCTTGCTCTGGCTGCAGGCCTGTGAGGTACCAGGTTCTCCGCGATCCCCCA	3180
H S P L C S G C R P V R Y Q V L R D P P	(1060)
TTTGCCAGTGGTTTGGCCGTGGTGGTACACATTCTCACAGGAAGTTCACGGACGTGGAG	3240
F A S G L P V V V T H S H R K F T D V E	(1080)
GTCACACCTGGACAGATGTATCAGTACCAAGTTCTAGCTGAAGCTGGAGGAGAACTGGGA	3300
V T P G Q M Y Q Y Q V L A E A G G E L G	(1100)
GAAGCTTCGCCTCCTCTGAACCACATTGAGGCTCCTTATTGTGGAGATGGGAAGGTG	3360
E A S P P L N H I H G A P Y C G D G K V	(1120)
TCAGAGAGACTGGGAGAAGAGTGTGATGATGGAGACCTTGTGAGCGGAGATGGCTGCTCC	3420
S E R L G E E C D D G D L V S G D G C S	(1140)
AAGGTGTGTGAGCTGGAGGAAGGTTTCAACTGTGTAGGAGAGCCAAGCCTTTGCTACATG	3480
K V C E L E E G F N C V G E P S L C Y M	(1160)
TATGAGGGAGATGGCATATGTGAACCTTTTGGAGAGAAAAACAGCATTGTAGACTGTGGC	3540
Y E G D G I C E P F E R K T S I V D C G	(1180)
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I Y T P K G Y L D Q W A T R A Y S S H E	(1200)

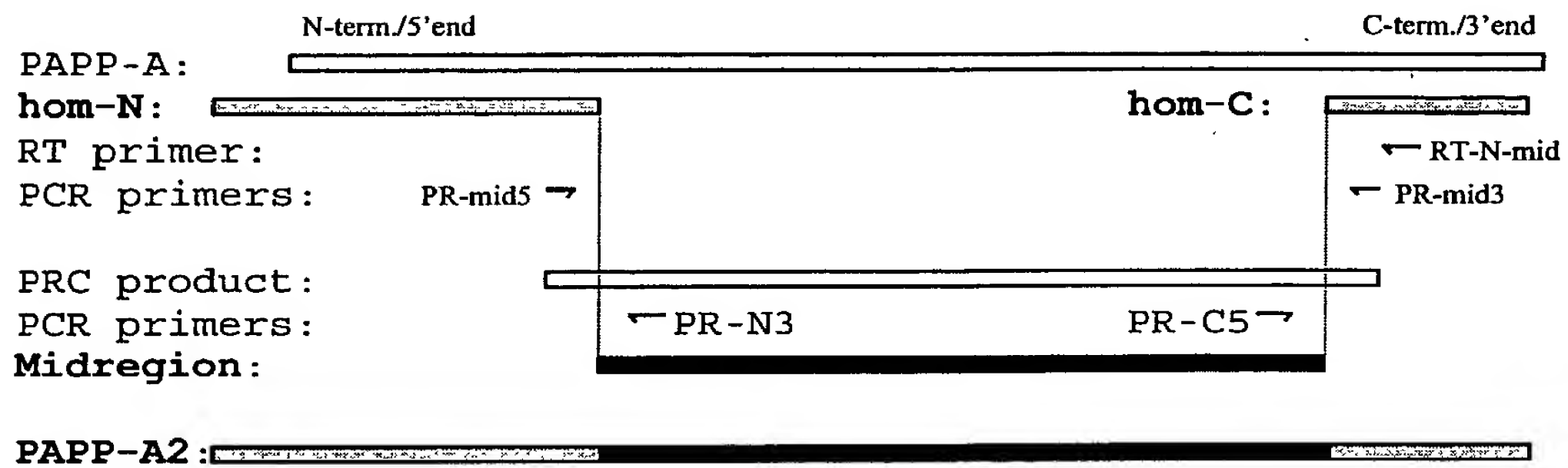


Figure 3 (page 1 of 1)

PA2 mmikilirisilailagwalssanelslgwtrkklsverehlqvlvlegelwlgakvrrpaspavittglydksyisrdrgrwvvgihtiisdqndkdpriyffslktdrarqvttinahrsyl 120
PA mrlswvhlhlglsaalglglaerprrrardpragrrprpaagpatatrgprprprrlaaaaaagraweavrvrrrqor----- 80

N-terminal residue of mature PAPP-A2 (Ser-234)↓

PA2 AVEEPAAPWVGDSPIGQSELLGDDDAYLGNQRSKESLGEAGIQKGSAMAATTTTAIFTTLNEPKPETORRGWAKSRORRQVWKRAEDGGQSGISSHFQFWPKHSLKRVKKSPPFEESN 240
PA -----

PA2 QNGGEGSYREAETFNSQVGLPILYFSGRRERLLLRPEVLAEIPREAFTEAWVKPEGQNNPAIAGVFDNMSHTVSDKGWALGIRSGKDKGRDARFFFSLETDVRVKATILISHSRYO 360
PA -----EARGATEEPPSPSRALYFSGRGEQLRVLRADL-ELPRDAFTLQVWLAEGGQSRPAVITGLYDKSYSRDRGRWVVGIHTISDQNDKDPRIYFFSLKTDRARQVTTINAHRSYL 192

↑
N-terminal residue of mature PAPP-A (Glu-81)

PA2 PGTWTHVAATYDGRHMLYVDGTQVASSLDQSGPLNSPFMASRSLLLGGDSSEDDGHYFRHGLGTLVFWSTALPQSHFQHSQSSGEEATDLVLTASFEPVNTWVFFRDEKYPRLEV 480
PA PGQWVYLAATYDQGFMKLYVNGAQVATSGEQVGGIFSPLTQKSKVLMGG--SALNHNRYGRIEHFSLWKVARTQREILSDMETHGAHTALPQLLLQENWDNVKHWNSFMKGSSPKVEF 310
* * * * *

PA2 LQGFEPEPEILSPLOPPLGGQTVQDNVELISQYNGYWPLRGEKVIRYQVVTNIDDEGLNPVSEEQIRLQHEALNEAFSRYNISWQLSVBQVHNSTLRHRVVLVNEPSKIGNDHDPFE 600
PA SNAHG--FLDTSLEPPLGGQTLQDNTEVIASYNQLSSFRQPKVVRVYRVVNLIEDDHKNPTVTREQVDFQHHQLAABAFQYNISWELDVLEVSNSLRRRLILANDISKIGDENDPFE 428
* * * * *

LNR1

PA2 EHPLTGYDGGGR-LOGRYSWNNRRDGLHVEFNNMINDFDDGQEDPOVADVKTTFDPDSPKRAYMSVKELKEALQLNSTHFLNIYFASSVREDLAGAATWPDWDKDAVTHLGGIVLSE 719
PA NHTLTGHDGGGRHRLRHFVFKKHNGVMDMDYERENFDGGEQDPEITNVTQTTFDPDSPHRAYLDVNLKNILKLDGSTHNLIFAKSSEELAGVATWPDWKEALMHLGGIVLNP 548
* * * * *

LNR2

PA2 AYYGMPGHTDTMIHEVGHVLSLYHVFKGVSERESNDPKE TVFSMETGDLADTAPTPKSELREPEPTSDTGFTREPGAPFTNMSYTDNDNTDNFTENQVARMHGYLDLVYQOWTE 839
PA SFYGMPGHTATMIHEIGHISGLYHVFGRGISEIQSDSEFMEPEPSFETGDLQNDTNPAPKHKSFGDPGPGNDTGFGHSFNTPTNNMSYADDDTDSFTNQVARMHGYLDLVYQGWOP 668
* * * * *

PA2 SRKFTPIPIPFMVIGQTNKSLTIHWPISGVVYDRASGSIAGASTEDGTFRQYVHTASSRVVDSGGYWTPEEAVGPPDVDPQEPESLQAWSPEVHLYHMNMVTEPP-TEGSLLELLFQ 958
PA SRKPAPVALAQVLGHTTDSVTLEWFPPIDGHFERELSGAGHILLEGRILOVYASNASSPMPSPSGHWSPREAEGHPDVEQPKSSVRTWSPNSAVNPHTVPPAPPEPQGYLELEFL 788
* * * * *

PA2 HPVQADTLTLWVT--SFFMESSQVLFDTTEILLENKESVHLGFLDTFEDIPLTIKHLVDGKVSQVGVYTFDERIEIDAALLTSQPHSPLESGRPFVRYQVLRDPPFASGLFVVVTHSHRK 1075
PA YPLVFESLTIWVTEVSTDWSSGAVNDIKLLAVSGKNISLGPONVFDVPLTIRLWDVGEEVYGIQIYTLDEHLEIDAAMLTSTADTPLQLQKPLKYKVVRDPLQMDVASIL-HLNRK 907
* * * * *

PA2 FTDVEVTPGQMYQYQVLAEBAGGELGEASPPLNHIHGAPEYGDGKVSERLGEEDDGDVLVSGDCSKVFELEEGFNGVGEPSLYMYEGDGIPEPFERKTSIVDGIYTPKGYLDQWATRA 1195
PA FVMDLNLGVSQYQWVITISGTESESPAVTYIHGRGYGDGIIQKDQGEQDDMNKINGDCSLERQEVSNFIDEPSRYFHDGDGVSEEFQKTSIKDEGVYTPQGFLDQWASNA 1027
* * * * *

PA2 YSSHEDKKKPVSLVTGEPHS-LISTSYHPDLPNHRPLTGWFPVASENETQDDRSEQEGSLKREDEVWLKVDFNRPGEARAIFFLTLDGLVPGEHQOFTVTLYLTDVGRSNNHSLGTY 1314
PA SVSHQDQQ-EPGVVIGQPAASQVETKVIDLSEGISQHWYPTTISYPYSLAQTT-----FWLRAYSQPMVAADVHLVTDGTYYGDKQKETISVQLLDTKDQSHDLGLH 1135
* * * * *

SCR1

PA2 GLSQHNPLIINVTHHQVLFHRTTSVLLNFSSPRVGISAVALRTSSRIGLSAPSNQISEDEGQNHQGSQIHRPAGKQDSQPSLLLDHADVVNTSIGPGLMFAITQGEFALQASSG 1434
PA VLSGRNNPLIIPVVDLSQPFYHSQAVRVSSPFLVAISGVALRSFNDPVTLSSEQ-RGETYSPAEQSVHFAEKTQ-PELAVENASLNGSSDRYHGACVSERTGYVLQIRRD 1253
* * * * *

SCR2

PA2 QYIRPMQK--EILLTSSGHWDQNVSLPVLDEGVDPFSLVNYANFSGEGTKFLKRSISVPPAKLQGLSPWLTLEDGLWSLPEVYKLESDAPPPIILNANLLPLQLQNDHVDGTI 1552
PA DELIKSQTPSVTVITEGKWNKQVAFEPVCSIPDHQVYAAFSFPEGTTFGSGSFCGRHPAQLKGNNSLLTMEGLWSLPEVYKLESDAPPPIILNANLLPLQLQNDHVDGTI 1373
* * * * *

SCR3

PA2 KYEKPGYVVAESAEGKVRNKLKICLEGGIWEQGSILPVVPEPPPVFEGMYETNGFSLDSQVNLN-----QEREKLPILTKEGLWTQEFKLENLOGEPPPPSELNS-VEYK 1666
PA KYEKPGYHVPGSSR-KSKKRAFKTCTQDGSWQEGAPVPIVDPPPPKFHGLYQTNGFQFNSLRIKEDSDASQGLGSNVHHRKDGTVNGSFHVQEMQCGQSVN-NELNSNLKQ 1491
* * * * *

SCR4

PA2 KYEKPGYVVAESAEGKVRNKLKICLEGGIWEQGSILPVVPEPPPVFEGMYETNGFSLDSQVNLN-----QEREKLPILTKEGLWTQEFKLENLOGEPPPPSELNS-VEYK 1666
PA KYEKPGYHVPGSSR-KSKKRAFKTCTQDGSWQEGAPVPIVDPPPPKFHGLYQTNGFQFNSLRIKEDSDASQGLGSNVHHRKDGTVNGSFHVQEMQCGQSVN-NELNSNLKQ 1491
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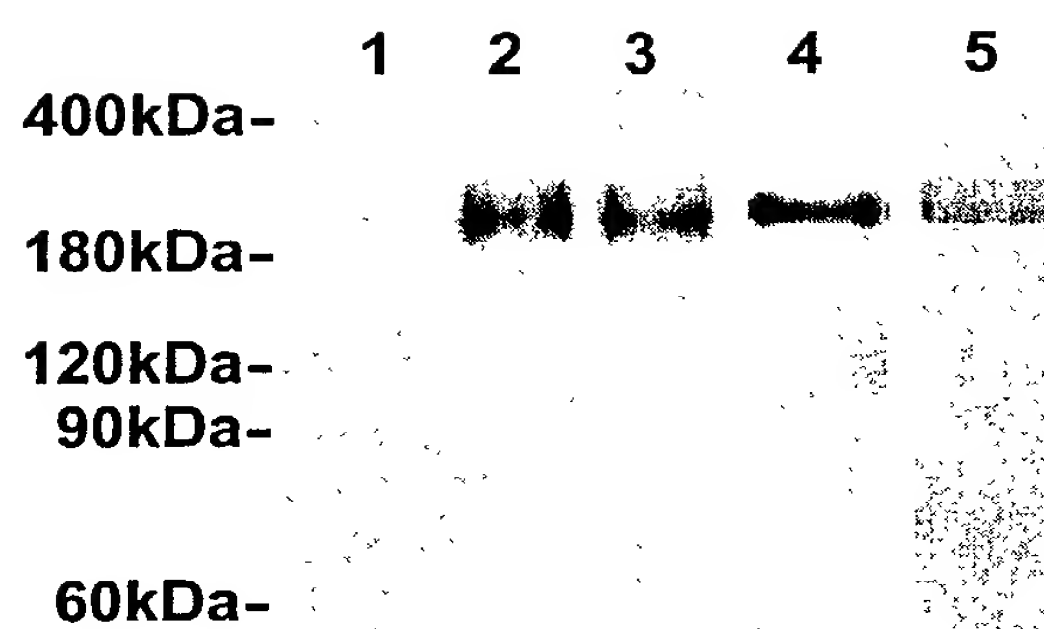
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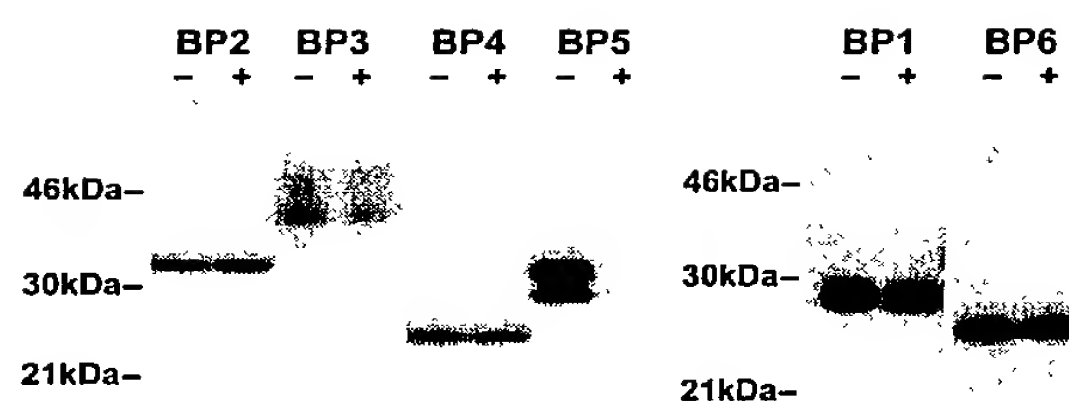
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* * * * *

LNR1

PA2 BEQGYGIGAVISPLVIPPSPDFVMLPENITADTLEHNMSEPVKQVSIYTGRRQWHPDPVLVHIQISLEPFGADGWDTINNRAVHYDGGDQSSLTSSKKVIFFAADOLD-EPVGRDP 1785
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* * * * *

PA2 KAEENQ----- 1791
PA QAQEHSRKDLRGYSHG 1627
* * * * *





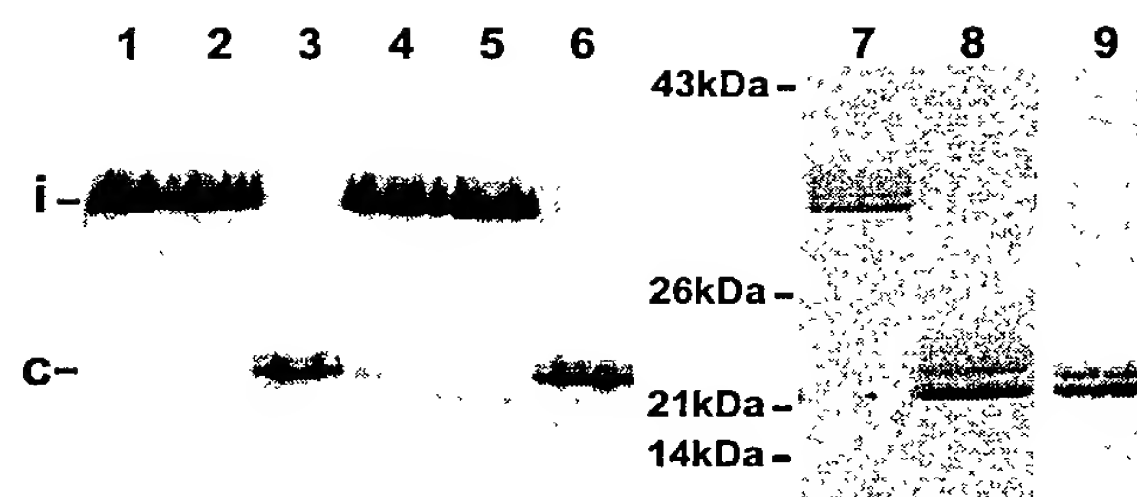


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CAGAAGGAAA	TTCTGCTCAC	ATGTTCTTCT	GGGCACTGGG	ACCAGAATGT	GAGCTGCCTT	4380
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GAGGGAACCA	AATTTCTGAA	ACGCTGCTCA	ATCTCTTG	TCCCACCAGC	CAAGCTGCAA	4500
GGACTGAGCC	CATGGCTGAC	ATGTCTTGAA	GATGGTCTCT	GGTCTCTCCC	TGAAGTCTAC	4560
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AATTCTGTGG	AGTACAAATG	TGAACAAGGA	TATGGGATTG	GTGCAGTGTG	TTCCCCATTG	5040
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GAGCACTGGA	TGGAACCTGT	CAAAGTCCAG	AGCATTGTGT	GCACTGGCCG	GCGTCAATGG	5160
CACCCAGACC	CCGTCTTAGT	CCACTGCATC	CAGTCATGTG	AGCCCTTCCA	AGCAGATGGT	5220
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GAAGAACAAT	CATGAAATGG	AAGAAGGAGG	AAGAGCATGA	AGGATCTTAT	AAGAAATGCA	5520
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CTTTCATATG	ATGCGGATTG	GCAGGTTGAA	TGGGAAGTAC	AGAAGGAGAG	AGAGTAATTA	6120
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AAGTTGAGTG	TGAATACCAT	TGGTGATGGG	TCCAGGAGAA	CTAGACTATG	GTTCTTGAAT	6300
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GTCAACAAGT	TTGTACTATG	GCCCATTCTC	TGATCACCAG	GATTACAGGA	ACTCACACAC	6480
TCCTCATACT	TGGCCTGTAG	TCCTACTTCT	TGTTAGAAGT	CTCCAAGTCT	GGCCAGTCAC	6540
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GGGAGGAGAT	GAAAGAACAG	GCAAGAGCTG	TCAGGGTTAA	ATCCAGGCC	GGGCATGAGA	6660
ATGGAAGTGA	TACGGAGAGC	TCGGTCTCTG	TTCCAAGTCT	CCAAAGAAGA	CCAAAGTGGG	6720
TCCCTTGAGC	AATGAAGAAT	CTGAGATAAA	TTCTCTTCAA	GTATCATGTA	CAAAATCTGT	6780
GAGCCAGAGA	TTTTGACTTG	AGCAAGCCAT	GGAAATGCAT	GGAGCAAGGG	TGACACTCTG	6840
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TCCAATAGAT	GGAATGCACA	TGAAATGACC	ATATTAAGCC	TCTCTCTATT	TACATCCAG	6960
GCTCACTGGG	ATGTGATCTA	CTGCAGTTAC	ATTTTCTTGT	AACGGTTTCT	GGATTAGACC	7020
CTAGGGAAAG	TGAGTAAGGA	GCCAGTTTCT	GTTTAAACATT	CTAGTTTTAC	TCATTTTAGG	7080
AAGGCTGTGA	GTGAGGCTTG	TCTCCTTTAA	AGTTTCTTCT	CCAATGGAAA	CCAAGAACAG	7140
ACAAAATTTA	GAGCTCAGCT	GTGGTCTCTT	CTCATCTTCT	GCTCTTTTGC	TTTGACCACA	7200
GTTTTTCTAC	TCTTCCCATC	AACACTAGAG	CAATGGCTGT	GCAAATAGGA	ATAGGAAATA	7260
CTACCACAAT	GATAGAAATA	TTATCCACAC	TATCACGTAG	GGAAGAACAA	TATCCTGAAA	7320
GAGAATAAAA	CACGAATAAG	GTGATGTACC	CACATTAATC	TGTGGGTTTG	TGGAATGAGG	7380
GTTGCAAAGT	TATTGGGAAA	AGGAAAGAGC	AGAGTTCACC	CATTCAAAAA	AAACCTTTTG	7440
TCTACTAATC	TCTAGTGTA	AGAAAATGTA	GTTTCAGATAC	CATTCAATTGT	CTTGGGTCTAT	7500
GCTTAGTGCC	CCCAAGAAGA	CAACATATT	TATTTCTGGG	ATTCTGATAG	GCTTCAATAT	7560
GCAAAGGACA	ATGGAAGT	TTAGACACTC	TATTTTCAA	ATTTTATAAA	CTTGTTTTAT	7620
TGGGGAAAAT	GTCCAAATTG	CTAGACACAT	TCTAAGTTCT	GCCTTGAGGA	ATCCTACTTT	7680
GTCTGAGATT	GAGGCAGAGG	AATTGTTATC	CTGGGCATTA	CTCAGCTCAG	GA	

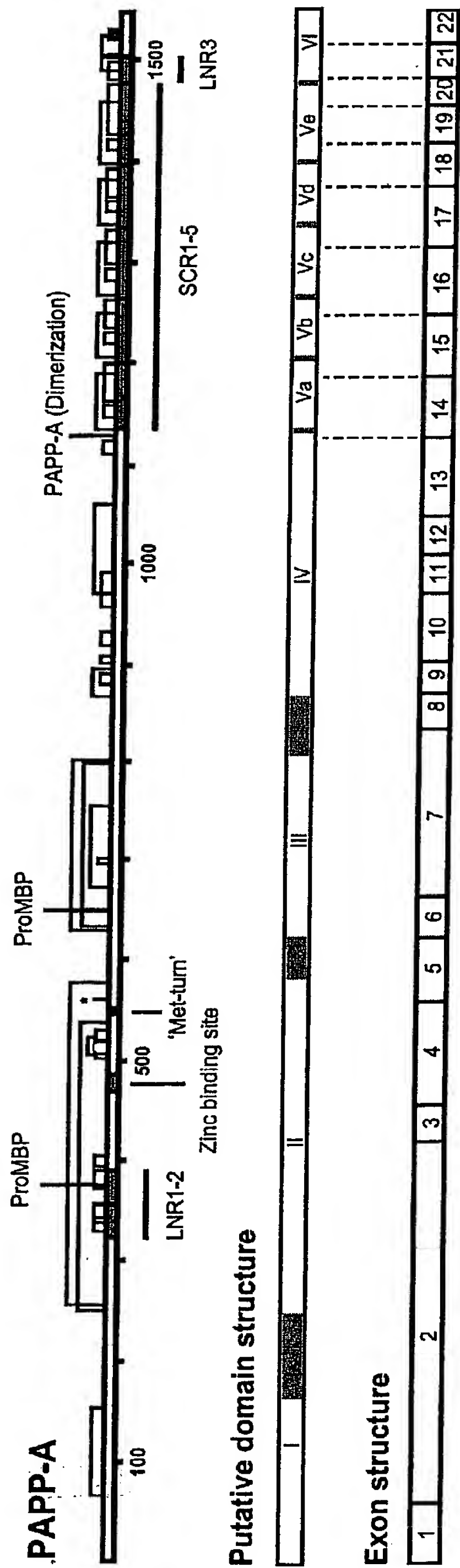


Figure 8 (page 1 of 1):